

Claims:

1. An apparatus for obtaining and maintaining accurate local time, comprising:

a dedicated timekeeping device for counting local time;

a time synchronization client adapted to transmit a query signal for querying a time server over a network to cause the time server to provide a current server time; and

an access point for producing a wireless signal representative of said current server time for wireless transmission to said timekeeping device, for synchronizing the local time of said dedicated timekeeping device to said current server time.

2. The apparatus of claim 1, wherein said timekeeping device includes a display for displaying the synchronized local time.
3. The apparatus of claim 2, wherein said time synchronization client is disposed in said access point.
4. The apparatus of claim 3, wherein said network includes the Internet.

5. The apparatus of claim 2, wherein said time synchronization client is disposed in said timekeeping device.
6. The apparatus of claim 5, said timekeeping device further including a transmitter for wirelessly transmitting said query signal to said access point.
7. The apparatus of claim 6, wherein said network includes the Internet.
8. The apparatus of claim 5, further comprising a controller adapted to power down said time synchronization client at least some of the time during which said time synchronization client is not transmitting said query signal.
9. The apparatus of claim 8, wherein said network includes the Internet.
10. The apparatus of claim 5, wherein said timekeeping device includes a memory for storing time zone information and a controller for adjusting the local time based on said time zone information.
11. The apparatus of claim 10, wherein said network includes the Internet.

12. The apparatus of claim 10, further comprising a controller adapted to power down said time synchronization client at least some of the time during which said time synchronization client is not transmitting said query signal.

13. The apparatus of claim 12, wherein said network includes the Internet.

14. A method for obtaining and maintaining accurate local time, comprising:

querying a time server over a network to cause the time server to provide a current server time;

producing a wireless signal representative of said current server time;

transmitting said wireless signal to a dedicated timekeeping device adapted to count local time; and

synchronizing the local time of said dedicated timekeeping device to said current server time by use of said wireless signal.

15. The method of claim 14, further comprising wearing said dedicated timekeeping device on a part of the body.

16. The method of claim 15, further comprising powering down at least a portion of said timekeeping device at least some of the time during which said time server is not being queried.
17. The method of claim 16, wherein said network includes the Internet.
18. The method of claim 14, further comprising powering down at least a portion of said timekeeping device at least some of the time during which said time server is not being queried.
19. The method of claim 14, wherein said network includes the Internet.
20. The method of claim 14, wherein said step of querying includes wirelessly transmitting a query signal.